



MOS-13-02 Setback Distance



0 0.05 0.1 0.2 Miles

Setback Distance	
MOS-13-02	
Total Area: 103.66 acres	
Setbacks:	
Residence - 300' Buffer	5.57 acres
Residence - 100' Buffer	0.052 acres
Surface Waters - 33' Buffer	3.65 acres
Total Setback Area:	9.272 acres

Soil Map



Map Unit Legend

Map Unit Symbol	Map Unit Name	Acres in AOI	Percent of AOI
Blg1A1	Blount silt loam, ground moraine, 0 to 2 percent slopes	23.0	22.2%
Blg1B1	Blount silt loam, ground moraine, 2 to 4 percent slopes	2.0	2.0%
GaB	Gallman silt loam, loamy substratum, 2 to 6 percent slopes	3.8	3.6%
GaC	Gallman silt loam, loamy substratum, 6 to 12 percent slopes	2.5	2.4%
Gwg1B1	Glynwood silt loam, ground moraine, 2 to 6 percent slopes	58.1	56.1%
Gwg5C2	Glynwood clay loam, ground moraine, 6 to 12 percent slopes, eroded	7.4	7.1%
Sh	Shoals silt loam, 0 to 2 percent slopes, occasionally flooded	5.6	5.4%
SkA	Sleeth silt loam, loamy substratum, 0 to 3 percent slopes	1.2	1.1%
W	Water	0.2	0.2%
Totals for Area of Interest		103.7	100.0%

Map—Depth to Any Soil Restrictive Layer



Table—Depth to Any Soil Restrictive Layer

Map unit symbol	Map unit name	Rating (centimeters)	Acres in AOI	Percent of AOI
Blg1A1	Blount silt loam, ground moraine, 0 to 2 percent slopes	99	23.0	22.2%
Blg1B1	Blount silt loam, ground moraine, 2 to 4 percent slopes	94	2.0	2.0%
GaB	Gallman silt loam, loamy substratum, 2 to 6 percent slopes	>200	3.8	3.6%
GaC	Gallman silt loam, loamy substratum, 6 to 12 percent slopes	>200	2.5	2.4%
Gwg1B1	Glynwood silt loam, ground moraine, 2 to 6 percent slopes	86	58.1	56.1%
Gwg5C2	Glynwood clay loam, ground moraine, 6 to 12 percent slopes, eroded	74	7.4	7.1%
Sh	Shoals silt loam, 0 to 2 percent slopes, occasionally flooded	>200	5.6	5.4%
SkA	Sleeth silt loam, loamy substratum, 0 to 3 percent slopes	>200	1.2	1.1%
W	Water	>200	0.2	0.2%
Totals for Area of Interest			103.7	100.0%

Map—Hydrologic Soil Group



Table—Hydrologic Soil Group

Map unit symbol	Map unit name	Rating	Acres in AOI	Percent of AOI
Blg1A1	Blount silt loam, ground moraine, 0 to 2 percent slopes	D	23.0	22.2%
Blg1B1	Blount silt loam, ground moraine, 2 to 4 percent slopes	D	2.0	2.0%
GaB	Gallman silt loam, loamy substratum, 2 to 6 percent slopes	B	3.8	3.6%
GaC	Gallman silt loam, loamy substratum, 6 to 12 percent slopes	B	2.5	2.4%
Gwg1B1	Glynwood silt loam, ground moraine, 2 to 6 percent slopes	D	58.1	56.1%
Gwg5C2	Glynwood clay loam, ground moraine, 6 to 12 percent slopes, eroded	D	7.4	7.1%
Sh	Shoals silt loam, 0 to 2 percent slopes, occasionally flooded	B/D	5.6	5.4%
SkA	Sleeth silt loam, loamy substratum, 0 to 3 percent slopes	C	1.2	1.1%
W	Water		0.2	0.2%
Totals for Area of Interest			103.7	100.0%

Map—Flooding Frequency Class



Table—Flooding Frequency Class

Map unit symbol	Map unit name	Rating	Acres in AOI	Percent of AOI
Blg1A1	Blount silt loam, ground moraine, 0 to 2 percent slopes	None	23.0	22.2%
Blg1B1	Blount silt loam, ground moraine, 2 to 4 percent slopes	None	2.0	2.0%
GaB	Gallman silt loam, loamy substratum, 2 to 6 percent slopes	None	3.8	3.6%
GaC	Gallman silt loam, loamy substratum, 6 to 12 percent slopes	None	2.5	2.4%
Gwg1B1	Glynwood silt loam, ground moraine, 2 to 6 percent slopes	None	58.1	56.1%
Gwg5C2	Glynwood clay loam, ground moraine, 6 to 12 percent slopes, eroded	None	7.4	7.1%
Sh	Shoals silt loam, 0 to 2 percent slopes, occasionally flooded	Occasional	5.6	5.4%
SkA	Sleeth silt loam, loamy substratum, 0 to 3 percent slopes	None	1.2	1.1%
W	Water	None	0.2	0.2%
Totals for Area of Interest			103.7	100.0%